## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	254	air near flow near (speaker loudspeaker transducer)	US-PGPUB; USPAT	OR	ON	2007/01/16 15:28
S3	142	S2 and (ultrasonic sonic)	US-PGPUB; USPAT	OR ·	ON	2007/01/16 15:28
S2	479	air near2 flow near2 (speaker loudspeaker transducer)	US-PGPUB; USPAT	OR	ON	2007/01/16 15:28
S5	84	S4 and (ultrasonic sonic)	US-PGPUB; USPAT	OR	ON	2007/01/16 15:52
S6	4	"6384550"	US-PGPUB; USPAT	OR	ON	2007/01/16 15:53
S9	13	Bianchini-Emanuele\$.in.	US-PGPUB; USPAT	OR	OFF	2007/01/17 17:09
S8	4	Giovanardi-Marco\$.in.	US-PGPUB; USPAT	OR	OFF	2007/01/17 17:09
S7	3	"916360".ap.	US-PGPUB; USPAT	OR	OFF	2007/01/17 17:09
S11	1	"381".clas. and air and current and pulsometer	US-PGPUB; USPAT	OR	ON	2007/01/19 16:31
S10	1	"381".clas. and air and current and pulsometer	US-PGPUB; USPAT	OR	OFF	2007/01/19 16:31
S12	4	air and current and pulsometer	US-PGPUB; USPAT	OR	ON	2007/01/19 16:33
S13	155	"381".clas. and air and current and (sonic ultrasonic) and modulat\$7	US-PGPUB; USPAT	OR	ON	2007/01/19 16:34
S14	48	"381".clas. and (air same current) and (sonic ultrasonic) and modulat\$7	US-PGPUB; USPAT	OR	ON	2007/01/19 16:37
S16	29	("3153229"   "3286032"   "3476887"   "3622791"   "3626096"   "3947708"   "3958237"   "4034332"   "4122302"   "4194095"   "4332979").PN. OR ("4515997"). URPN.	US-PGPUB; USPAT; USOCR	OR.	OFF	2007/01/19 16:38
S17	12	("3148691"   "3339569"   "3563306"   "3648987").PN. OR ("4194095"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/19 16:40
S19	2	(("3148691"   "3339569"   "3563306"   "3648987").PN. OR ("4194095").URPN.) and (pump\$5 pulsometer) and (current)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/19 16:41
S18	1	(("3148691"   "3339569"   "3563306"   "3648987").PN. OR ("4194095").URPN.) and (pump\$5 pulsometer) and (ultrasonic sonic)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/19 16:41

## **EAST Search History**

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S15	3	"381".clas. and (air same current) and (sonic ultrasonic) and modulat\$7 and pump	US-PGPUB; USPAT	OR	ON	2007/01/19 16:42
S20	8	"381".clas. and (air same current) and (sonic ultrasonic "low frequency") and modulat\$7 and pump	US-PGPUB; USPAT	OR	ON	2007/01/19 16:45
522	0	S21 not S20	US-PGPUB; USPAT	OR	ON	2007/01/19 16:46
521	8	"381".clas. and (air same current) and modulat\$7 and pump	US-PGPUB; USPAT	OR	ON	2007/01/19 16:46
S24	1	"6384550".pn.	US-PGPUB; USPAT	OR	ON	2007/01/19 16:48
S23	8	"381".clas. and (air same current) and modulat\$7 and (pump pulsometer)	US-PGPUB; USPAT	OR	ON	2007/01/19 16:48
S26	1	"6,215,655".pn.	US-PGPUB; USPAT	OR	OFF	2007/01/22 11:19
S25	1	"20050105748".pn.	US-PGPUB; USPAT	OR	OFF	2007/01/22 11:19
S27	. 1	"20050060049" .pn.	US-PGPUB; USPAT	OR	OFF	2007/02/10 17:34
S29	9	("20010014159" "3236949" "415939   7" "5371799" "5809149" "6021206"    "6195434" "6259795" "6449368").   PN.	US-PGPUB; USPAT	OR	OFF	2007/02/10 17:44
S28	1	"6353671".pn.	US-PGPUB; USPAT	OR	OFF	2007/02/10 17:44
S1	431	air near2 flow near2 (speaker loudspeaker transducer)	US-PGPUB; USPAT	OR	OFF	2007/03/26 18:13
S31	1	"5060274".pn.	US-PGPUB; USPAT	OR	OFF	2007/03/26 18:22
S32	1	"20040062404".pn.	US-PGPUB; USPAT	OR	OFF	2007/03/27 15:29
<b>S3</b> 3	. 8	pulsometer and (speaker loudspeaker)	US-PGPUB; USPAT	OR	OFF	2007/03/27 16:23
S30	3	("5825901" "4194095" "4122716"). pn.	US-PGPUB; USPAT	OR	OFF	2007/03/27 16:23